

What is claimed is:

1. A drive device of a printing press, having at least one virtual leading axle (a; b) for presetting a desired angular position (Φ_1) of a drive (08) of at least one unit (01; 02; 03; 04; 06; 07) driven by its own drive motor (M),
 5 wherein the leading axle (a; b) is connected to at least one circuit (15; 20), which is able to convert the chronologically changing datum for the angular position of a leading axle position (Φ) into a pulse train ($I(t)$; $I_0(t)$) in the form of output signals ($I(t)$; $I_0(t)$) and it is possible to parameterize the circuit (15; 20) with regard
 10 to the number of pulses per rotation ($n/2\pi$).
2. The drive device as recited in claim 1,
 wherein the pulse train ($I(t)$; $I_0(t)$) is supplied to a drive of a subassembly (19),
 which is independently driven by the drive (08) of the unit (01; 02; 03; 04; 06; 07)
 15 that is coupled to the leading axle (a; b).
3. The drive device as recited in claim 1,
 wherein the circuit includes a number of subcircuits that are able to generate a number of pulse trains ($I(t)$) in the form of output signals ($I(t)$) at a number of
 20 outputs.
4. The drive device as recited in claim 1 or 3,
 wherein the circuit (15; 20) or subcircuit is adjustable with regard to additional parameters ($n/2\pi$, τ , I , $I_n(t)$, "0") that relate to the shape of the output signal ($I(t)$).
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5. The drive device as recited in claim 1 or 3,
 wherein the circuit (15; 20) or subcircuit is embodied in the form of an emulator circuit.

6. The drive device as recited in claim 1 or 3,
wherein the input of the circuit (15; 20) or subcircuit receives the current leading
axle position (Φ) from a drive control unit (13) or a computing and data
processing unit (11) of the printing press.

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7. The drive device as recited in claim 1,
wherein the circuit (15; 20) is connected as a client to a network (09) that
conveys the leading axle position (Φ) and receives its angular position at its
input.

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8. The drive device as recited in claim 1,
wherein a drive control unit (13) that presets the leading axle position (Φ) is
provided, which has at least one circuit (15; 20).

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9. The drive device as recited in claim 1,
wherein a first and at least one second circuit (20; 15) are provided for
conversion purposes.

10. The drive device as recited in claim 9,

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wherein a drive control unit (13; 17) that presets the leading axle position (Φ) has
a first circuit (20), which converts the chronologically changing datum of the
leading axle position (Φ) into a first pulse train ($I_0(t)$) with a fixed, definite number
of pulses per rotation ($n/2\pi$) of the leading axle (a; b).

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11. The drive device as recited in claim 10,
wherein an output of the first circuit (20) communicates with the input of a
second circuit (15), which is able to convert the first pulse train ($I_0(t)$) into a new
pulse-shaped output signal ($I(t)$) in conjunction with parameters ($n/2\pi$, τ , I , $I_n(t)$,
"0") that influence the shape.

12. The drive device as recited in claim 3 and 11,
 wherein the second circuit (15) has a number of subcircuits, which are able to
 generate a number of different pulse trains ($I(t)$) in the form of output signals ($I(t)$)
 5 at a number of outputs.

13. The drive device as recited in claim 11 or 12,
 wherein the parameters ($n/2\pi$, τ , I , $I_n(t)$, "0") of the circuit (15) or its subcircuits
 are adjustable.

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14. The drive device as recited in claim 1 or 13,
 wherein it is possible to parameterize the output signal ($I(t)$) with regard to the
 number of output pulses per rotation ($n/2\pi$) of the leading axle (a; b).

15. The drive device as recited in claim 1 or 13,
 wherein it is possible to parameterize the circuit (15; 20) with regard to the
 number of pulses per rotation ($n/2\pi$) of a subassembly (19) to be controlled by
 means of the circuit (15; 20).

16. The drive device as recited in claim 4 or 13,
 wherein it is possible to parameterize the output signal ($I(t)$) with regard to a
 height of its amplitude (I).

17. The drive device as recited in claim 1, 3, 11, or 12,
 wherein the converted pulse train ($I(t)$) is present at the output of the circuit (15;
 20) in the form of a digital output signal ($I(t)$).

18. The drive device as recited in claim 1, 3, 11, or 12,

wherein the converted pulse train ($I(t)$) is present at the output of the circuit (15; 20) in the form of an analog output signal ($I(t)$).

19. The drive device as recited in claim 1, 3, 11, or 12,
5 wherein the output signal ($I(t)$) at an output has a set of correlated pulse trains ($I_A(t)$; $I_B(t)$; $I_C(t)$).
20. The drive device as recited in claim 4 or 13,
wherein the circuit (15; 20) is detachably connected to a computing unit (11) in
10 order to adjust the parameters ($n/2\pi$, τ , I , $I_n(t)$, "0").
21. The drive device as recited in claim 1,
wherein the leading axle position (Φ) is preset by a drive control unit (13; 17).
- 15 22. The drive device as recited in claim 10 or 21,
wherein the drive control unit (13; 17) that presets the leading axle position (Φ) is embodied in the form of an independent master for all of the drives (08) that are coupled to this leading axle (a; b).
- 20 23. The drive device as recited in claim 10 or 21,
wherein the drive control unit (17) that presets the leading axle position (Φ) is embodied as a drive control unit (17) of a folding unit (06).
- 25 24. A method for controlling a subassembly of a printing press having at least one virtual leading axle (a; b) for presetting a desired angular position (Φ_i') of a drive (08) of at least one unit (01; 02; 03; 04; 06; 07) driven by its own drive motor (M),
wherein at least one circuit (15; 20) connected to the leading axle (a; b) converts the chronologically changing datum for the angular position of a leading axle

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position (Φ) into a pulse train ($I(t); I_0(t)$) and supplies it in the form of output signals ($I(t); I_0(t)$) to the subassembly (19) and an incremental resolution between the rotating leading axle (a; b) and an angular position transducer of a subassembly (19) to be controlled via the circuit (15; 20) and/or its drive motor is

5 performed by parameterizing the circuit.